

# SUPPLEMENT TO INSTALLATION INSTRUCTIONS

3400 RPM Rear PTO Kit (Engine Speed)  
Mfg. No. 1692230

## General

A product improvement has been made to the PTO anchor that secures the electric clutch to tractor frame. A steel anchor bracket (A, figure 1) will be used rather than the rubber retaining strap shown in Instructions 1678774 in Figure 9). Use the following instructions in addition to the Installation Instructions, Form 1678774-02.

## New Parts - refer to figure 1

Item	Part No.	Description	Qty.
A.	1709197	Anchor Bracket	1
B.	1921333	Capscrew, 5/16-18 x 1	4
C.	1919326	Washer, 5/16	6
D.	1917356	Lockwasher, 5/16	4
E.	1917372	Nut, 5/16-18	4
F.	1960074	Spring Clip	2
G.	1919381	Flat Washer, 11/32	4

## Installation

The following steps refer to "Install Clutch" procedures listed in Installation Instructions, page 3, Form 1678774-02.

2. Remove the three bolts (A, figure 8) from each side that secure fuel tank cover. (Reach under fender.)

**Additional step:** Remove the front 5/16 nut that secure each footrest to support bracket. Remove both fenders.

3. Raise the seat, tank cover, and tank as shown in figure 8 and wire to steering wheel.

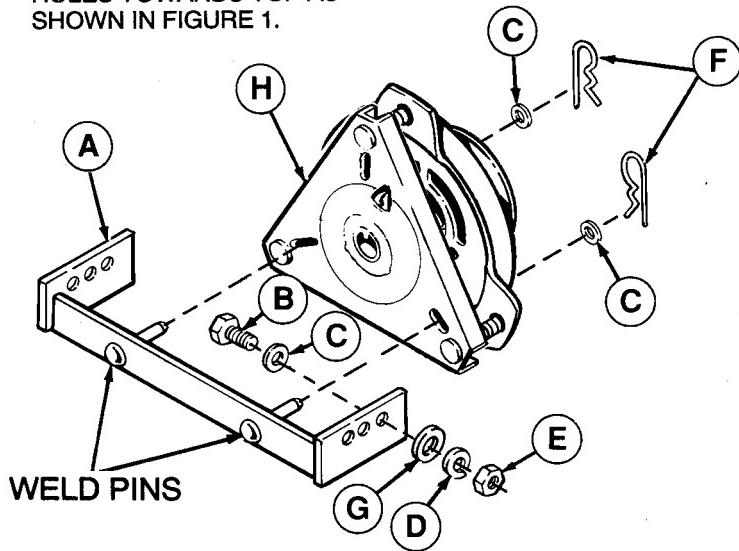
**Additional suggestion:** To provide more clearance, disconnect the fuel sender wire and seat switch wire. Remove seat and seat cover. Tie the gas tank to the steering wheel, or position tank to the left side and tie to the hydraulic lift lever.

4. The hydraulic tube should be positioned so that it just touches the side plate as shown in figure 9. Rotate the elbows to re-position hose, if necessary. Both elbows should be at 45°. The tube must pass between the clutch and the shock absorber.

5. Disregard instructions on installing previous retaining strap (step 5, Form 1678774-02).

(continued on next page)

**NOTE:** INSTALL BRACKET WITH HOLES TOWARDS TOP AS SHOWN IN FIGURE 1.



**NOTE:** MAKE SURE SPRING CLIPS (F) ARE INSTALLED WITH FLAT SIDE TO THE OUTSIDE AS SHOWN IN FIGURE 1.

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Figure 1. Clutch Mounting Assembly

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## New Steps:

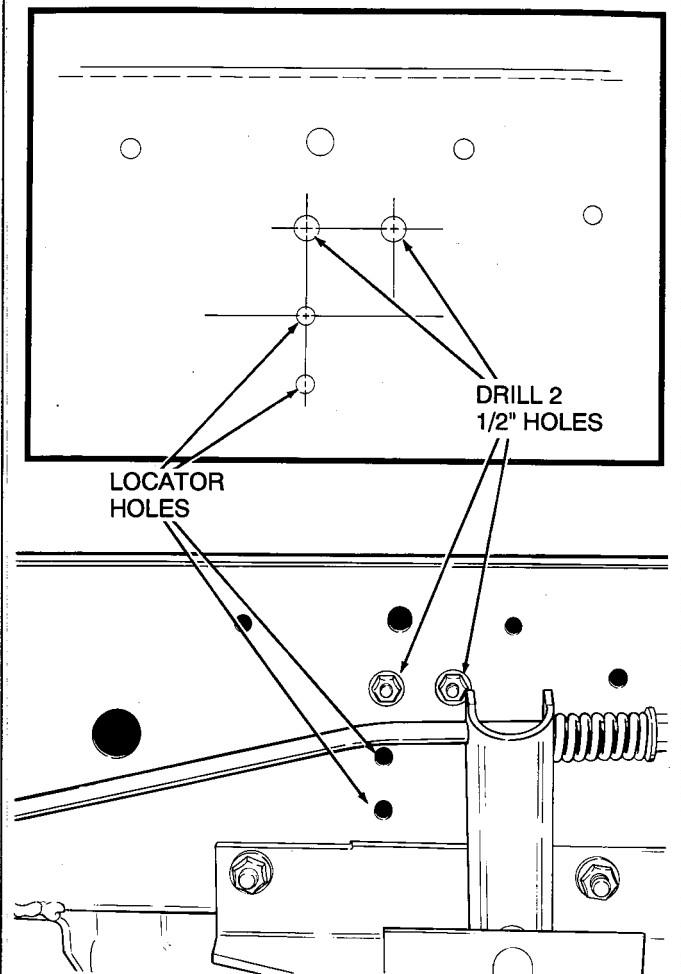
**Note:** Later model tractors have frame holes pre-drilled for the anchor bracket. Proceed to step 3 if frame holes do not need to be drilled.

1. Use the templates provided and reference illustration in figure 2 to mark location of four frame holes to mount anchor bracket. Note that there is a left-hand and right-hand template provided. On the right-hand template, some of the locator holes have hardware installed. Carefully cut these templates holes slightly larger to fit over installed hardware. Centerpunch hole location and remove template.
2. Drill two 1/2" holes on each side of frame as marked.
- Note:** If frame clearance is not sufficient for bracket installation in step 3, position a hydraulic bottle jack between inside frame walls and spread frame just enough for bracket installation.
3. Place anchor bracket (A, figure 1 or figure 3) in position with holes towards the top as shown in figure 1. Install capscrew (B) and flat washer (C) from inside frame. Secure with flat washer (G), lockwasher (D), and nut (E). Leave hardware loose. Installed clutch is illustrated in figure 3.
4. Continue with instructions under "Install Clutch" (step 6, Form 1678774-02).
- Disregard instructions on "Connecting the Strap" (step 20, Form 1678774-02).
5. With clutch completely installed, position the backside of anchor bracket (A, figure 3 and figure 1) so that there is 3/64-1/16" (.050-.060") from high point of clutch field assembly (B) as shown in figure 3. This should locate the bracket weld pins approximately centered in the clutch slots. Snug mounting hardware. Bracket should be square with frame and level from left to right.
6. Rotate the clutch from left to right to make sure that there is a small amount of clearance between clutch field assembly and the two weld pins of anchor bracket. **The clutch must be able to rotate a small amount during operation.** If no rotation is possible, adjust the anchor bracket up or down while maintaining the 3/64-1/16" (.050-.060") clearance on the front face of clutch. (Bracket can be tapped with hammer.) Recheck clutch rotation and clearance. Tighten mounting hardware when position is correct.
7. Install the one flat washer on each weld pin and secure with spring clips. Note that the flat side of the spring clips must be toward the outside as shown in figure 1.
8. Continue with instructions to reassemble tractor parts removed.

**Figure 3**

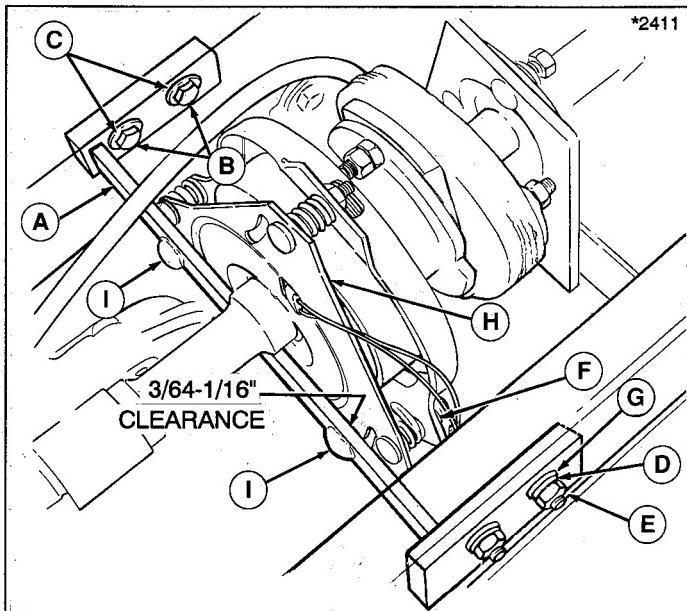
- |                          |                    |
|--------------------------|--------------------|
| A. Anchor Bracket        | F. Spring Clip     |
| B. Capscrew, 5/16-18 x 1 | G. Washer, 1" O.D. |
| C. Washer, 3/4" O.D.     | H. Clutch Field    |
| D. Lockwasher, 5/16      | Assembly           |
| E. Nut, 5/16-18          | I. Weld Pins       |

## SAMPLE TEMPLATE



**LEFT-HAND SIDE OF TRACTOR SHOWN**

**Figure 2**



**Figure 3**